

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1. (Cancelled).

2. (Currently Amended). [[A]] The network calculator computer system according to claim [[1]] 11 further comprising: wherein the devices forming the transmission paths includes a fiber channel switch connected to the network, the server and the storage for notifying of a faulty device included in the fiber channel switch, wherein the fiber channel switch is included in the transmission paths.

3. (Cancelled).

4. (Currently Amended) [[A]] The network calculator computer system according to claim [[3]] 12 further comprising a fiber channel switch connected to the network, the server and the storage for managing being connected via the fiber channel switch, wherein the fiber channel switch manages its own device information and returning returns the device information in reply to a request sent on a regular base from the management device, wherein the management device makes the request to the fiber channel switch for the device information on a regular basis.

5. (Cancelled).

6. (Currently Amended) [[A]] The network calculator computer system according to claim [[5]] 13 further comprising:, wherein the devices forming the transmission paths includes a fiber channel switch connected to the network, ~~the server and the storage for notifying of restoration of a faulty device included in the fiber channel switch,~~ wherein the transmission paths include the fiber channel switch.

7. (Cancelled).

8. (Currently Amended) [[A]] network calculator system according to claim [[7]] 14 further comprising a fiber channel switch connected to the network, the server and the storage for managing its own device information and returning the device information in reply to a request, wherein the management device makes the request to the fiber channel switch for the device information on a regular basis.

9. (Cancelled).

10. (Cancelled).

11. (New) A network computer system comprising:

a server connected to a network;
a storage connected to the network; and
a management device connected to the network to manage device information of the server and storage, wherein

the server and storage are connected through a plurality of transmission paths, and respectively have a function of notifying to the management device a fault device within themselves,

the management device records transmission paths, through which the server accesses data stored in the storage, correspondingly to devices, which are included in the transmission paths, and wherein

when a fault device is notified to the management device by the function of notifying, if the notified fault device corresponds to a device included in any one of the transmission paths recorded by the management device, the management device determines the one of the transmission paths unavailable, and causes the server to stop using the unavailable transmission path.

12. (New) A network computer system comprising:

a server connected to a network;
a storage connected to the network; and
a management device connected to the network to manage device information of the server and storage, wherein

the server and storage are connected through a plurality of transmission paths, respectively manage device information of devices within themselves, and send the device information in response to a request from the management device, and wherein the management device records transmission paths, through which the server accesses data stored in the storage, correspondingly to devices, which are included in the transmission paths, makes the request to the server and the storage for the device information on a regular basis, judges from the returned device information whether there is any fault device to determine transmission paths which include the fault device as being unavailable, and causes the server, which accesses through the transmission paths when an application program is executed, to stop using the unavailable transmission paths.

13. (New) A network computer system comprising:

- a server connected to a network;
- a storage connected to the network; and
- a management device connected to the network to manage device information of the server and storage, wherein
 - the server and storage are connected through a plurality of transmission paths, and respectively have a function of notifying to the management device restoration of a fault device, the management device records transmission paths, through which the server accesses data stored in the storage, correspondingly to devices, which are included in the transmission paths, and wherein

when the restoration of a fault device is notified to the management device by the function of notifying, if the notified restored device corresponds to a device included in any one of the transmission paths recorded by the management device, the management device determines the one of the transmission paths available, and causes the server to allow using the available transmission path.

14. (New) A network computer system comprising:

a server connected to a network;

a storage connected to the network; and

a management device connected to the network to manage device information of the server and storage, wherein the server and storage are connected through a plurality of transmission paths, respectively manage device information of devices within themselves, and send the device information in response to a request from the management device, and wherein the management device records transmission paths, through which the server accesses data stored in the storage, correspondingly to devices, which are included in the transmission paths, makes the request to the server and the storage for the device information on a regular basis, and stores the returned device information, and wherein

the management device judges when a fault device is restored and the restored device corresponds to a device included in any one of the transmission paths recorded, the one of the transmission paths as being available, and causes the server, which accesses through the one of

transmission paths when an application program is executed, to allow using the available transmission path.

15. (New) A management device in a network computer system comprising a server and a storage, which are respectively connected to a network, and connected each other through a plurality of transmission paths, wherein the management device is connected to the network to manage device information of the server and storage, and receives notification of a fault device from the server and storage, and

the management device records transmission paths, through which the server accesses data stored in the storage, correspondingly to devices, which are included in the transmission paths, and wherein

when a fault device is notified, if the notified fault device corresponds to a device included in any one of the transmission paths recorded by the management device, the management device determines the one of the transmission paths unavailable, and causes the server to stop using the unavailable transmission path.

16. (New) A management device in a network computer system comprising a server and a storage respectively connected to a network, and connected each other through a plurality of transmission paths, the server and storage having a function of notifying to the management device restoration of a fault device, wherein

the management device is connected to the network to manage device information of the server and storage, and records transmission paths, through which the server accesses data stored in the storage, correspondingly to devices, which are included in the transmission paths, and wherein

when the restoration of a fault device is notified to the management device by the function of notifying, if the notified restored device corresponds to a device included in any one of the transmission paths recorded by the management device, the management device determines the one of the transmission paths available, and causes the server to allow using the available transmission path.